WEST Search History

Hide Items | Restore | Clear | Cancel

DATE: Friday, February 23, 2007

Hide?	Set Name	Query	Hit Count
	DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ		
☐	L9	L5 and oct 4	17
☐	L8	l5 and oct 3	36
☐	L7	floated coagulated mass	4
☐	L6	iris culture and floated coagulated mass	0
☐	L5	L4 and pluripotent	565
☐	L4	iris and stem cell	1107
	DB=DWPI,JPAB,EPAB,USOC,USPT,PGPB; PLUR=YES; OP=ADJ		
☐	L3	KOSAKA-MITSUKO!	77
☐	L2	KOSAKA-MITSUKO!	77
☐	L1	KOSAKA-MITSUKO!	77

END OF SEARCH HISTORY

Case #10/559,783.
WEST (PGPB, DWPI, USOC, USPT.
EPAB, JPAB)

AD
2/23/07

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FILE 'MEDLINE' ENTERED AT 11:22:47 ON 23 FEB 2007

FILE 'BIOSIS' ENTERED AT 11:22:47 ON 23 FEB 2007
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=> s floated coagulated mass
L1            0 FLOATED COAGULATED MASS

=> s oct-3
L2          990 OCT-3

=> s oct-4
L3          815 OCT-4

=> s iris pigment epithelial and culture
L4           62 IRIS PIGMENT EPITHELIAL AND CULTURE

=> s stem cells
L5       110683 STEM CELLS

=> s l4 and l5
L6            2 L4 AND L5

=> s l5 and pluripotent
L7         5459 L5 AND PLURIPOTENT

=> s l4 and l7
L8            0 L4 AND L7

=> s l4 and l2
L9            0 L4 AND L2

=> s l4 and l3
L10           0 L4 AND L3

=> disp l6 ibib abs 1-2

L6   ANSWER 1 OF 2     MEDLINE on STN
ACCESSION NUMBER:    2006069182      MEDLINE
DOCUMENT NUMBER:     PubMed ID: 16310762
TITLE:               Retinal stem/progenitor properties of iris
                     pigment epithelial cells.
AUTHOR:              Sun Guangwei; Asami Maki; Ohta Hiroshi; Kosaka Jun; Kosaka
                     Mitsuko
CORPORATE SOURCE:    Research Unit for Cell Plasticity, Center for Developmental
                     Biology (CDB), Riken Institute, Chuo-ku, Kobe, Japan.
SOURCE:              Developmental biology, (2006 Jan 1) Vol. 289, No. 1, pp.
                     243-52.  Electronic Publication: 2005-11-28.
                     Journal code: 0372762. ISSN: 0012-1606.
PUB. COUNTRY:        United States
DOCUMENT TYPE:       Journal; Article; (JOURNAL ARTICLE)
LANGUAGE:            English
FILE SEGMENT:        Priority Journals
ENTRY MONTH:         200603
ENTRY DATE:          Entered STN: 4 Feb 2006
                     Last Updated on STN: 10 Mar 2006
                     Entered Medline: 9 Mar 2006
AB   Neural stem cells/progenitors that give rise to
     neurons and glia have been identified in different regions of the brain,
     including the embryonic retina and ciliary epithelium of the adult eye.
     Here, we first demonstrate the characterization of neural stem/progenitors
     in postnatal iris pigment epithelial (IPE)
     cells.  Pure isolated IPE cells could form spheres that contained cells
     expressing retinal progenitor markers in non-adherent culture.
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Case #10/559,783
STN (BIOSIS, MEDLINE)
AD 2/23/07

The spheres grew by cell proliferation, as indicated by bromodeoxyuridine incorporation. When attached to laminin, the spheres forming IPE derived cells were able to exhibit neural phenotypes, including retinal-specific neurons. When co-cultured with embryonic retinal cells, or grafted into embryonic retina in vivo, the IPE cells could also display the phenotypes of photoreceptor neurons and Muller glia. Our results suggest that the IPE derived cells have retinal stem/progenitor properties and neurogenic potential without gene transfer, thereby providing a novel potential source for both basic stem cell biology and therapeutic applications for retinal diseases.

FILE 'CAPLUS' ENTERED AT 11:30:37 ON 23 FEB 2007
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FILE COVERS 1907 - 23 Feb 2007 VOL 146 ISS 10
FILE LAST UPDATED: 22 Feb 2007 (20070222/ED)

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=> E KOSAKA MITSUKO/IN 25
E1            1     KOSAKA MITSUHIKO/IN
E2           10     KOSAKA MITSUHIRO/IN
E3            3 --> KOSAKA MITSUKO/IN
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E5            1     KOSAKA MITSUTERU/IN
E6            4     KOSAKA MIYOJI/IN
E7            1     KOSAKA MORIHITO/IN
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E9            1     KOSAKA MUNEKAZU/IN
E10           1     KOSAKA MYOJI/IN
E11           9     KOSAKA NAME NOT TRANSLATED/IN
E12           1     KOSAKA NAMI/IN
E13           5     KOSAKA NAOKO/IN
E14           4     KOSAKA NAOMICHI/IN
E15           2     KOSAKA NIZAEMON/IN
E16           1     KOSAKA NOBIHIRO/IN
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E20          23     KOSAKA NOBUO/IN
E21           7     KOSAKA NOBUTOSHI/IN
E22           1     KOSAKA NOBUYOSHI/IN
E23           4     KOSAKA NOBUYUKI/IN
E24           1     KOSAKA NOHICHI/IN
E25          27     KOSAKA NOICHI/IN

=> S (E3)
L1            3 ("KOSAKA MITSUKO"/IN)

=> DIS L1 1 IBIB IABS
THE ESTIMATED COST FOR THIS REQUEST IS 2.83 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:Y

L1   ANSWER 1 OF 3  CAPLUS  COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER:         2004:1124766  CAPLUS
TITLE:                    Process for producing retinal neurocyte from neural
                          stem cell derived from iris tissue and retinal
                          neurocyte produced by the process
INVENTOR(S):              Kosaka, Mitsuko
```

PATENT ASSIGNEE(S): Japan Science and Technology Agency, Japan; Kosaka, Mitsuko
SOURCE: PCT Int. Appl.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004111213	A1	20041223	WO 2004-JP8222	20040611
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2004248013	A1	20041223	AU 2004-248013	20040611
CA 2528426	A1	20041223	CA 2004-2528426	20040611
EP 1640450	A1	20060329	EP 2004-745816	20040611
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK				
CN 1795266	A	20060628	CN 2004-80014244	20040611
BR 2004011236	A	20060711	BR 2004-11236	20040611
US 2006134280	A1	20060622	US 2005-559784	20051208
PRIORITY APPLN. INFO.:			JP 2003-166646 A	20030611
			WO 2004-JP8222 W	20040611

ABSTRACT:
A process for producing retinal neurocytes, comprising conducting differentiation induction of iris pigmented epithelial cells into retinal neurocytes. The first process comprises co-culturing iris pigmented epithelial cells derived from a mammal and embryo retinal stem cells derived from a bird. The second process comprises isolating iris pigmented epithelial cells of a bird, a mammal, etc. and subjecting the iris pigmented epithelial cells to stationary culture. In these processes, retinal neurocytes can be produced with the use of iris pigmented epithelial cells collected from a patient per se, so that realization of highly effective regenerative medicine is promising.

REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> DIS L1 2 IBIB IABS
THE ESTIMATED COST FOR THIS REQUEST IS 2.83 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:Y

L1 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2004:1124765 CAPLUS
TITLE: Process for producing tissue cell from pluripotent stem cell derived from iris pigment epithelial cell of animal and tissue cell obtained by the process
INVENTOR(S): Kosaka, Mitsuko
PATENT ASSIGNEE(S): Japan Science and Technology Agency, Japan
SOURCE: PCT Int. Appl.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004111212	A1	20041223	WO 2004-JP8120	20040610
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2004248001	A1	20041223	AU 2004-248001	20040610
CA 2528870	A1	20041223	CA 2004-2528870	20040610
EP 1650295	A1	20060426	EP 2004-745750	20040610
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK				
CN 1798833	A	20060705	CN 2004-80015005	20040610
BR 2004011125	A	20060718	BR 2004-11125	20040610
US 2006141621	A1	20060629	US 2005-559783	20051208
PRIORITY APPLN. INFO.:			JP 2003-166684 A	20030611
			WO 2004-JP8120 W	20040610

ABSTRACT:
A process for producing tissue cells derived from iris pigment epithelial cells of an animal, by which problems, such as concern about immunological rejection caused by cell transplantation, ethical issues and unbalance between the demand and supply on transplant cell sources, can be solved; and tissue cells produced by the process. In this process for producing tissue cells, first, iris pigment epithelial cells isolated from an animal eyeball are selectively cultured according to a floated coagulated mass culturing technique to thereby obtain pluripotent stem cells. Thereafter, these pluripotent stem cells are cultured with the use of, for example, serum to thereby effect production of various tissue cells.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> DIS L1 3 IBIB IABS
THE ESTIMATED COST FOR THIS REQUEST IS 2.83 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:Y

L1 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2003:897871 CAPLUS
TITLE: The nervous type cell which is obtained by method, and its method of producing the nervous type cell from nervous trunk cell, and the said nervous trunk cell which are obtained by the production method, and its method of the nervous trunk cell of iris pigment epithelium cell origin of the mammal [Machine Translation].
INVENTOR(S): Kosaka, Mitsuko
PATENT ASSIGNEE(S): Japan Science and Technology Corporation, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 13 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2003325167	A	20031118	JP 2002-136321	20020510
JP 3723152	B2	20051207		

PRIORITY APPLN. INFO.: JP 2002-136321 20020510

ABSTRACT:
[Machine Translation of Descriptors]. The nervous trunk cell which is obtained problem and ethical problem of the immunity refusal due to the cell transplantation in central nervous type playing back, by the production method, and its method of the nervous trunk cell of iris pigment epithelium cell origin of the mammal which can solve problem such as demand for transplantation cell source and imbalance of supply is offered. The nervous trunk cell is produced by discretionary culturing the iris pigment epithelium cell which is isolated from the eyeball of the mammal with floating cohesion soul culture method.